



UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

IFW \$

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/767,856	01/30/2004	Benjamin B. Houston	85232-102 RWD

23529  
ADE & COMPANY  
1700-360 MAIN STREET  
WINNIPEG, MB R3C3Z3  
CANADA

CONFIRMATION NO. 2969

# FORMALITIES LETTER



\*OC000000012953817\*

Date Mailed: 06/15/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

07/23/2004 SDIRETH1 00000002 10767856

FILED UNDER 37 CFR 1.53(b)

01 FC:2001 385.00 UP  
02 FC:2001 65.00 UP  
03 FC:2202 3.00 UP

Filing Date Granted

### Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of \$18 as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

### SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$918 for a Large Entity


- \$770 Statutory basic filing fee.
- \$130 Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is \$18

- \$18 for 1 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

---

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.  
**85232-102 RWD**

In Re Application Of: **Benjamin B. Houston et al**



Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/767,856	January 30, 2004		23529	2621	2969

Invention:

**METHOD FOR CONVERTING EXPLICITLY REPRESENTED GEOMETRIC SURFACES INTO ACCURATE  
LEVEL SETS**

Mail Stop Missing Parts  
COMMISSIONER FOR PATENTS:

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on  
June 15, 2004  
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☐ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☒ A properly signed oath or declaration in compliance with 37 CFR 1.63.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ 1 verified small entity declaration(s)
  - ☒ is/are attached.
  - ☐ was/were filed on \_\_\_\_\_
- ☐ A separate request for refund.

☒ Other (list):

Assignment Cover Sheet  
Assignment  
Fee - \$40 MO

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533)(Small Entity)**

Docket No.  
**85232-102 RWD**

In Re Application Of: **Benjamin B. Houston et al**

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/767,856	January 30, 2004		23529	2621	2969

Invention:

**METHOD FOR CONVERTING EXPLICITLY REPRESENTED GEOMETRIC SURFACES INTO ACCURATE  
LEVEL SETS**

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

☒ Completion of application fees as calculated below:

☒ Utility application filing fee \$385.00

☐ Design application filing fee \_\_\_\_\_

☒ Total number of independent claims = 1 \_\_\_\_\_

☒ Total number of claims = 21 \$9.00

☐ Multiple dependent claims \_\_\_\_\_

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath \$65.00

☐ Petition and fee for filing by other than all the inventors or a person not the inventor \_\_\_\_\_

☐ Fee for processing an application filed with a non-English language specification \_\_\_\_\_

☐ Fee for processing and retention of application \_\_\_\_\_

Total completion of application fees \$459.00

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month    ☐ Two months    ☐ Three months    ☐ Four months    ☐ Five months

from: \_\_\_\_\_ until: \_\_\_\_\_  
Date Date

Total time extension fees \_\_\_\_\_

Total fees due \$459.00

**Response To Notice To File Missing Parts Of Application  
Filing Date Granted (PTO-1533) (Small Entity)**

Docket No.  
**85232-102 RWD**

In Re Application Of: **Benjamin B. Houston et al**

Application No. <b>10/767,856</b>	Filing Date <b>January 30, 2004</b>	Examiner	Customer No. <b>23529</b>	Group Art Unit <b>2621</b>	Confirmation No. <b>2969</b>
--------------------------------------	--	----------	------------------------------	-------------------------------	---------------------------------

Invention:

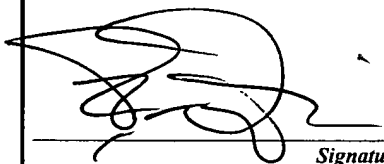
**METHOD FOR CONVERTING EXPLICITLY REPRESENTED GEOMETRIC SURFACES INTO ACCURATE  
LEVEL SETS**

TO THE COMMISSIONER FOR PATENTS:

Mail Stop Missing Parts

The fee of **\$459.00** is to be paid as follows:

- ☒ A <sup>m-o.</sup> check in the amount of the fee is enclosed.
- ☐ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No.
- ☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.

  
\_\_\_\_\_  
Signature

**Ryan W. Dupuis**  
**Registration No: 47,345**

/II

Dated: **July 26, 2004**

I certify that this document and fee is being deposited  
on \_\_\_\_\_ with the U.S. Postal Service as  
first class mail under 37 C.F.R. 1.8 and is addressed to the  
Commissioner for Patents, P.O. Box 1450, Alexandria, VA  
22313-1450.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*

CC: